

**BY ORDER OF THE SECRETARY
OF THE AIR FORCE**

AIR FORCE INSTRUCTION 15-127

20 JANUARY 2016

Incorporating Change 1, 30 SEPTEMBER 2016

Weather

WEATHER TRAINING



COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: This publication is available digitally on the e-Publishing website at www.e-Publishing.af.mil for downloading or ordering

RELEASABILITY: There are no releasability restrictions on this publication

OPR: HQ USAF/A3WP

Certified by: HQ USAF/A3W
(Mr. Ralph O. Stoffler)

Supersedes: AFI 15-127, 14 March 2012

Pages: 19

This instruction implements Air Force (AF) Policy Directive (AFPD) 15-1, *Weather Operations* and AFPD 36-26, *Total Force Development*. It complements AF Instruction (AFI) 15-135, Volume 1, *Special Operations Weather Training*, and AFI 36-2201, *Air Force Training Program*. This instruction establishes the minimum standards for training and qualifying AF weather personnel to perform weather operations duties. It supplements ancillary and AF Specialty Code (AFSC)-based recurring and upgrade training (UGT) programs. This instruction applies to all organizations in the United States Air Force (USAF) with weather personnel assigned, to include Air Force Reserve Command (AFRC) and Air National Guard (ANG) and will be incorporated into government-contracted weather operations Statement of Work or Performance Work Statement. This AFI may be supplemented at any level, but all supplements that directly implement this publication must be routed to the office of primary responsibility (OPR) for coordination prior to certification and approval. Refer recommended changes to the OPR using AF Form 847, *Recommendation for Change of Publication*; route AF Form 847s from the field through the appropriate functional office within the chain of command. The authorities to waive wing/organization level requirements in this publication are identified with a Tier number (“**T-0, T-1, T-2, T-3**”) following the compliance statement. See AFI 33-360, *Publications and Forms Management*, for a description of the authorities associated with the Tier numbers. Submit requests for waivers through the chain of command to the appropriate Tier waiver approval authority. For non-tiered compliance items, HQ USAF/A3W is the waiver approval authority for this publication; submit waiver requests to the OPR for processing. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AF Manual (AFMAN) 33-363, *Management of Records*, and

disposed of in accordance with the AF Records Disposition Schedule located in the AF Records Information Management System. This publication requires the collection and/or maintenance of information protected by the Privacy Act of 1974, 5 United States Code (USC) § 552a, 3101, Title 10 USC 8013, Executive Order 9397. System of Records Notices F033 AF B, Privacy Act Request File, and F036 AFMC D, Education and Training Management System, apply (see <http://dpclo.defense.gov/Privacy/SORNs.aspx>). The use of the name or mark of any specific manufacturer, commercial product, commodity or service in this publication does not imply endorsement by the AF

SUMMARY OF CHANGES

Interim Change 1 updates the checkride timeline for personnel aligned to enabler Unit Type Codes (UTCs) and provides clarification on the minimum amount of time to train and certify personnel with regards to upgrade, position qualification, and Mission Readiness (MR)/Combat Mission Readiness (CMR) training. In addition, this updates the requirements for Army Weather Support Course attendance and the AF Weather Knowledge Center has been given a generic name to reflect the training materials resident in the Weather Operations section of the Advanced Distributed Learning Service (ADLS) Gateway.

Chapter 1— POLICIES AND RESPONSIBILITIES	4
1.1. Introduction.....	4
1.2. Policies.....	4
1.3. Responsibilities.....	5
1.4. Documentation.....	8
Chapter 2— POSITIONAL QUALIFICATION TRAINING	10
2.1. Position Qualification Training (QT).....	10
Chapter 3— MISSION READINESS	12
3.1. Mission Readiness/Combat Mission Readiness (MR/CMR) Training.	12
Table 3.1. Mission Readiness Training Courses (May be MAJCOM, Duty Assignment and/or UTC-Dependent).	13
3.2. Special Duty Assignment Pay (SDAP) for Weather Support to the Army.	13
3.3. Overseas Remote Permanent Change of Station (PCS).....	13
3.4. Deployments.	13
3.5. Expeditionary Weather Equipment.....	14
Chapter 4— RECURRING TRAINING	15
4.1. Recurring Training.....	15

Chapter 1

POLICIES AND RESPONSIBILITIES

1.1. Introduction. This instruction establishes minimum requirements to ensure AF weather personnel are adequately trained to achieve and maintain position qualification and Mission Ready (MR)/Combat Mission Ready (CMR) status. MR/CMR is used to designate mission readiness status for personnel who have completed Qualification Training and are postured against a designated expeditionary mission. Fundamental elements of weather specialty training are standardized to ensure common presentation of weather capabilities worldwide. Commanders of units with weather personnel assigned are responsible for qualification training of the weather personnel under their command.

1.2. Policies. The unique weather training and associated standards identified herein ensure effective and efficient employment of AF weather capabilities in the performance of peacetime and contingency duties and responsibilities. This instruction directs a functional training program according to AFI 36-2201. Each organization's weather training program will be defined in local procedures, as required. **(T-3).** **Chapter 2** and **3** define steps to achieve weather position (duty) qualification and expeditionary MR/CMR status, respectively. Commanders tailor local training procedures to meet the operational mission requirements based on position qualification and expeditionary mission requirements, as required. HQ USAF/A3W establishes, validates and communicates training, equipment, communications, and other requirements to conduct weather operations and provide weather services in support of the Army according to Army Regulation (AR) 115-10/AFI 15-157 (IP), *Weather Support and Services for the U.S. Army*. Weather personnel supporting the Army often require training by sister service organizations to gain task and subject proficiency (e.g., combat skills training, Army individual and organizational equipment). The CFETP provides references to training resources and documents required levels of task training proficiency.

1.2.1. Organizations will conduct training in accordance with the following publications and using listed resources, where appropriate. **(T-1).**

1.2.1.1. AFI 36-2201.

1.2.1.2. 1W0X1 CFETP, 1W0X2 CFETP (when published) and 15WX CFETP and their corresponding Specialty Training Standards (STS).

1.2.1.3. AFMAN 36-2234, *Instructional System Development*.

1.2.1.4. AF Handbook (AFH) 36-2235, Volume 11, *Information for Designers of Instructional Systems Application to Unit Training*.

1.2.1.5. AR 115-10/AFI 15-157 (IP).

1.2.2. Source References for Required Training. Training resources will be used in the following order. **(T-2).**

1.2.2.1. CFETP and corresponding STS. Note that the CFETP lists approved training materials/sources.

1.2.2.2. The Weather Operations section of the ADLS Gateway.

1.2.2.3. A supporting Operational Weather Squadron (OWS) for meteorological reference materials such as the Meteorological Satellite Imagery Reference File and Radar Imagery Reference File.

1.2.2.4. Official publications such as AFIs, AFMANs, AFHs, AF Doctrine, Technical Orders and appropriate Army publications.

1.2.2.5. 14th Weather Squadron web site (<https://www.climate.af.mil>) for climate-related materials.

1.2.2.6. Local training resources.

1.3. Responsibilities.

1.3.1. Headquarters, United States Air Force, Director of Weather (HQ USAF/A3W) will:

1.3.1.1. Establish policy and guidance for the implementation of AF weather training programs.

1.3.1.2. Execute AF Functional Manager and Career Field Manager (CFM) duties for the weather career fields as outlined in AFI 36-2201 and AFI 36-2640, *Executing Total Force Development*.

1.3.1.3. Develop, maintain and publish initial and skill-level upgrade training requirements for weather personnel.

1.3.1.4. Resolve weather-specific training issues that arise between Services, MAJCOMs, other DoD entities and government agencies.

1.3.1.5. Develop, maintain and publish a list of approved weather duty titles within the CFETPs.

1.3.1.6. Develop, maintain and publish minimum required MR/CMR tasks and task certification standards associated with weather Unit Type Codes (UTC).

1.3.1.7. Develop, maintain and publish weather career field task training, qualification and certification standards for all tasks pertinent across multiple MAJCOMs to include tasks associated with standardized fielded weather equipment.

1.3.1.8. Manage and oversee the Air Force Training Record (AFTR) program for weather training and institutional training management.

1.3.1.8.1. Provide technical support on AFTR and the Weather Operations section of the ADLS Gateway for related issues and grant access privileges to required users.

1.3.1.9. Approve all initial skills, upgrade, and recurring training materials.

1.3.1.10. Manage the Weather Operations section of the ADLS Gateway.

1.3.1.11. Publish changes to the weather STS.

1.3.1.12. Direct prioritization of weather-related training materials and their generation through the MAJCOM Weather Functional Managers and other available AETC training resources.

1.3.2. MAJCOM Weather Functional Managers will:

1.3.2.1. Resolve training issues that arise within units under their purview. (T-1).

1.3.2.2. Obtain training quotas, schedule and manage participation for Air Education and Training Command formal courses, including the Army Weather Support Course , to satisfy training requirements. **(T-2)**.

1.3.2.3. Validate and forward all modified or emerging weather-specific training requirements to the CFMs to review and process accordingly. **(T-2)**.

1.3.2.4. Review new training materials created within their command and forward them to the Functional Manager for consideration and possible inclusion on the Weather Operations section of the ADLS Gateway.

1.3.3. Commanders of units with weather personnel assigned will:

1.3.3.1. Ensure standardized training practices and programs in AFI 36-2201 and AFMAN 362234, are correctly and adequately applied to meet qualification standards as stated in AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted)*, and the officer and enlisted weather CFETPs. **(T-1)**.

1.3.3.2. Ensure task certifiers document MR/CMR status against UTC-aligned task checkrides within AFTR, to include all pass and fail results on the AF Form 623A, *On-the-Job Training Record Continuation Sheet* and AF Form 1098, *Special Task Certification and recurring training*, as applicable. **(T-2)**.

1.3.3.3. Ensure personnel postured against weather UTCs complete a checkride on tasks aligned with that UTC during the AEF pre-deployment phase. **(T-2)**.

1.3.3.4. Airmen who are not part of the readily available force (e.g. enablers for Army support, centralized production, and designated reachback support and services) do not have designated Air and Space Expeditionary Force (AEF) periods. Pre-deployment training will be aligned with internally-managed UTC availability requirements. Once tasked, personnel aligned with enabler, service-retained, or institutional force UTCs must complete a checkride on aligned tasks within 120 days of an individual's required delivery date. **(T-2)**.

1.3.3.5. Arrange for members to participate in training events/exercises that ensure individuals awarded MR/CMR status receive sufficient recurring training to maintain that status. Make every effort to participate in training events for aligned/supported units (e.g., Red Flag and other exercises). **(T-1)**.

1.3.3.6. Integrate weather personnel supporting the Army into supported unit training events at the Brigade Combat Team level, or Task Force equivalent level and above (including Special Operations Weather Team [SOWT] personnel). In addition, commanders will request local training from Army personnel when applicable for MR/CMR status, according to AR 11510/AFI 15-157 (IP) and AFI 10-251, *Air Force Participation in Joint Training Transformation Initiative (JTTI) and Joint National Training Capability (JNTC) Events*. **(T-2)**. Use approved AF source documents during field training to more effectively integrate into supported unit planning and operations.

1.3.4. OWSs will submit seasonal and any training material recommended for other units to the AF Weather Functional Manager, through the parent MAJCOM, to make it readily available through the Weather Operations section of the ADLS Gateway. **(T-1)**. Use training

materials from the Weather Operations section of the ADLS Gateway before developing unique training.

1.3.4.1. DELETED

1.3.4.2. DELETED

1.3.5. Weather personnel assigned to Weather Flights, Weather Squadrons at Army locations, Operational Support Squadrons and Air Operations Centers will leverage meteorological reference materials from the appropriate regional OWS and training materials from the Weather Operations section of the ADLS Gateway before developing unique training. **(T-1)**. Currency/updates to reference material applicable to specific locations such as a host base/post are the responsibility of both organizations. Forward any material recommended for other units to the AF Weather Functional Manager, through the parent MAJCOM, to make it readily available through the Weather Operations section of the ADLS Gateway.

1.3.6. Units with assigned weather personnel conducting weather operations will:

1.3.6.1. Develop a Master Training Plan (MTP) according to AFI 36-2201. **(T-1)**.

1.3.6.2. Use established qualification standards (available on the Weather Operations section of the ADLS Gateway and the AF e-Publishing website) for tasks specified in the officer and enlisted weather CFETPs and the MTP as the minimum required for initial skills, upgrade and recurring training. **(T-2)**.

1.3.6.3. Conduct position qualification, MR/CMR qualification, upgrade training and recurring training as prescribed in weather CFETPs, AFI 36-2201, and [Chapter 4](#) of this publication. **(T-1)**.

1.3.6.4. Ensure position qualification and MR/CMR status is documented for all members on the individual's AF Form 1098, in AFTR. **(T-1)**.

1.3.6.5. Ensure training (initial, upgrade and recurring) is accomplished for all assigned weather personnel, to include those who augment the unit (e.g., ANG, Individual Mobilization Augmentees). Ensure all personnel, including those who augment the unit (e.g., ANG, Individual Mobilization Augmentees) successfully complete position checkrides (receive a "GO rating") before being awarded qualification and accomplish recertification checkrides on their primary duty position annually according to AFI 36-2201, Attachment 13. **(T-1)**. Ensure position qualification and annual recertification are documented on the AF Form 1098. **(T-1)**. The unit commander must document any lapses in annual recertification that occur due to extreme circumstances (e.g., emergency leave, extended temporary duty assignment). In such situations, complete the annual recertification within 90 days after the member returns. Document lapses in annual recertification in the individual's AFTR on the AF Form 623A. **(T-1)**.

1.3.6.6. Ensure resources and personnel are dedicated to training and training management functions, according to AFI 36-2201. Army personnel may be used as trainers for Army Warrior Skills (see [paragraph 4.1.9](#)); however, certification must be done by an AF certifier. **(T-1)**.

1.3.6.7. Coordinate with the supporting OWS to schedule training events and assist with currency of locally-specific material. **(T-2)**.

1.3.6.8. Coordinate through their functional hierarchy to resolve any training shortfalls.

1.3.6.9. Request training material generated on a specific subject or equipment, submit a request to the MAJCOM Functional Weather Manager who may submit a request to HQ USAF/A3W for review and prioritization.

1.3.7. Unit Training Managers (UTM), Supervisors, Trainers and Task Certifiers will:

1.3.7.1. Conduct UTM tasks according to AFI 36-2201. **(T-1)**.

1.3.7.2. Ensure personnel maintain qualification and MR/CMR status according to this publication. Document task ratings in AFTR on the AF Form 803, *Report of Task Evaluations*. If a member does not achieve a “GO” rating for position qualification, or MR/CMR training, document an improvement plan in AFTR on the AF Form 623A to bring the member to a “GO” rating. **(T-1)**.

1.3.8. In addition to the requirements in [paragraph 1.3.5](#), Weather Squadrons and Weather Flights providing support to the Army will use standardized training from the Weather Operations section of the ADLS Gateway on Army-unique tasks and equipment. **(T-2)**.

1.3.9. 81 TRSS Qualification Flight will produce AF-wide training materiel as directed by the weather CFMs.

1.4. Documentation. Training documentation validates the status of training and task qualification and is required for all garrison and deployed locations. Documentation also helps leaders assess mission capabilities and readiness and ensures operational requirements are met with fully-qualified Airmen.

1.4.1. All weather officers O-3 and below, all enlisted weather personnel E-6 and below, and all civilian weather personnel (series 1340 or 1341) GS-11 and below will have training records created in AFTR. **(T-1)**. Using the following tabs in AFTR, AF organizations, squadron and below, will document training and job qualification/certification for weather personnel as outlined in AFI 362201. **(T-1)**.

1.4.1.1. CFETP.

1.4.1.2. Air Force Job Qualification Standard (JQS).

1.4.1.3. AF Form 797, *Job Qualification Standard Continuation/Command JQS*.

1.4.1.4. AF Form 1098

1.4.1.5. AF Form 623 Section II, *Extension Course Institute/Career Development Course Participation*

1.4.1.6. AF Form 623 Section III, *Formal Training*.

1.4.1.7. AF Form 623A

1.4.1.8. AF Form 803

1.4.2. In addition, officer, enlisted, or civilian personnel of higher grade than indicated in [paragraph 1.4.1](#), and who function in a duty position that requires position qualification, or are assigned to fill UTC requirements outside the institutional force, will document position qualification and/or UTC MR/CMR training and recurring training in AFTR on the AF Form 1098. **(T-1)**. Detailed training and documentation guidance on using AFTR can be found on

the Weather Operations section of the ADLS Gateway in Courses and Library, and under the training tab in AFTR.

Chapter 2

POSITIONAL QUALIFICATION TRAINING

2.1. Position Qualification Training (QT). Position QT readies an Airman for a specific duty position. For Initial Skills Course (ISC) graduates at their first permanent duty station as a weather Airman, completing mandatory distance learning blocks as the first step to occupational development takes precedence over position QT; however, elements of position QT can occur concurrently while completing this training. The mandatory distance learning blocks for new enlisted 3-levels are located in the Weather Operations section of the ADLS Gateway to provide standardized training. For all other weather Airmen, position QT begins following, or concurrent with, in-processing actions. An individual is considered position qualified once determined by the organization's leadership, independent of UGT, upon confirmation by the certifying official that the trainee has satisfied position qualification requirements to include successfully completing applicable duty position checkrides. Upon award of position qualification, the member is qualified to work the duty position independently.

2.1.1. All weather personnel that are position qualified will recertify annually. **(T-1).**

2.1.2. Personnel that perform garrison airfield weather services must be task-certified to produce surface weather observations and complete a position qualification tailored to the airfield location. Personnel who are tasked to fill UTCs that include a surface weather observing capability must also be task-certified on surface weather observations (see **paragraph 3.1.1.1**). **(T-1).**

2.1.3. Units performing weather prediction tasks within or for tropical latitudes will designate a minimum of one tropical subject-matter expert (SME) according to AFI 36-2201. This SME will complete the Tropical Weather Analysis and Forecast Course (EOZW15W30A1A), or a similar education course. This SME will ensure tropical weather forecasting rules and techniques are integrated into local weather processes, seasonal recurring training (see **paragraph 4.1.3**), and qualification training/certification. **(T-1).**

2.1.4. DELETED

2.1.5. All weather Airmen will complete initial position QT within 120 days of their training start date (240 days for ISC graduates to account for the initial 120 days allotted for the mandatory distance learning blocks). **(T-2).** **Exception:** ANG and AFRC personnel not on active duty will complete initial position QT within one year of assignment. **(T-2).** **Note:** The time allotments above apply to a member's primary duty position qualification that includes CFETP-identified core tasks and results in an Airman who is qualified to work their primary position independently. Where multiple duty positions exist, commanders will develop internal timelines to qualify members in additional positions. **(T-2).**

2.1.6. Those personnel receiving Permanent Change of Station orders to NATO positions will complete the mandatory training before assignment according to Chairman of the Joint Chiefs of Staff Instruction (CJCSI) 1210.01, *Joint Orientation Training for U.S. Personnel Assigned to NATO Organizations*. **(T-0).**

2.1.7. Advanced Weather Managers Course (AWMC). The AWMC is a one-time career requirement for operational weather leadership supporting AF and Army units.

2.1.7.1. Master Sergeants (and selects) who have received a Deliberate Development Board Tier II or III vector will attend AWMC. Members selected for assignment to a Tier II or III position are given attendance priority. **(T-2).**

2.1.7.2. Company grade officers, upon notification of assignment to a weather flight/detachment, will attend AWMC. **(T-2).**

2.1.8. All personnel assigned to weather parachutist manning positions (AFSCs J15WX or J1W0X1) will be volunteers for parachutist duty, complete an initial qualification course and maintain currency according to AFI 11-410, *Personnel Parachute Operations*. The gaining MAJCOM or the supported Army unit (see AR 115-10/AFI 15-157 [IP]) funds initial qualification course.

Chapter 3

MISSION READINESS

3.1. Mission Readiness/Combat Mission Readiness (MR/CMR) Training. MR/CMR training is designed to ensure weather personnel achieve MR/CMR status to perform UTC-specific weather tasks in support of their assigned organization's wartime and AEF taskings, and should occur concurrently with position QT. For active component Airmen, to include Airmen aligned with enabler UTCs, all applicable initial MR/CMR training requirements must be met no later than 180 days after an individual's position QT start date or the end of a pre-deployment window of an individual's first deployment eligibility period (when applicable); whichever date is earliest. **(T-1).** **Exception:** Some UTC tasks reliant on outside organizations may not be available until tasked. See **paragraph 3.3** for additional MR/CMR exceptions for overseas remote duty locations.

3.1.1. MR/CMR training will consist of the following:

3.1.1.1. Weather personnel must be trained and certified on all mandatory AFSC core and UTC tasks as identified in the CFETP **(T-1)**, and any local requirements defined in the MTP. **(T-3).** Weather personnel assigned against non-weather UTCs (e.g., 7E-, 7FV-, or 3F-series) will be evaluated against applicable UTC training (either XWQA1 or XWQA2) STS line items in addition to position qualification supporting a specific aircraft/mission design series. **(T-2).**

3.1.1.2. AF-directed ancillary deployment training requirements according to AFI 10403, *Deployment Planning and Execution*, (e.g., Law of Armed Conflict, self-aid and buddy care, small arms qualification, etc.). Additionally, weather personnel providing Army combat support complete unique training identified in AFI 36-2654, *Combat Arms Program*, and AFI 31-117, *Arming and Use of Force by Air Force Personnel*.

3.1.1.3. ANG and AFRC will schedule personnel tasked with a deployment for MR/CMR training during their pre-deployment training phase. **(T-1).**

3.1.2. Unit leadership awards initial MR/CMR status after the certifier confirms that the member has satisfied all applicable qualification and training requirements and is fully qualified to perform the organization's UTC mission-specific weather operations and individual AEF taskings (as applicable). Individuals must satisfy all applicable recurring training requirements (see **Chapter 4**) to establish/maintain MR/CMR status. **(T-1).** **Table 3.1** lists training courses used to provide JQS requirements specific to achieve and/or maintain MR/CMR status.

3.1.2.1. Individuals who have completed all required tasks (i.e., mandatory distance learning blocks, position qualification, CDCs and required UTC tasks) and are only awaiting time in-grade and/or time-in-training requirement(s) for upgrade to the 5-Skill Level may attain MR/CMR status upon squadron commander (or equivalent) approval. **(T-3).**

3.1.2.2. For official reporting purposes, individuals who attain MR/CMR status as listed in **paragraph 3.1.2.1**, must be reported as ready to deploy, assuming no other disqualifying factors exist. **(T-1).**

3.1.3. All weather personnel that require MR/CMR certification will be recertified by the end of each pre-deployment window of an individual's deployment eligibility period. **(T-1)**. Enabler UTCs will recertify annually. **(T-1)**. Use the appropriate UTC tasks in the STS/JQS. **Note:** Core task evaluation is not a requirement for MR/CMR recertification.

Table 3.1. Mission Readiness Training Courses (May be MAJCOM, Duty Assignment and/or UTC-Dependent).

Mission Readiness Training Courses	
Course Description	
Army Weather Support Course (AWSC), E5OSA15W3 0A1A. Required for all AF military weather personnel assigned to provide direct support to the Army, excluding enlisted SOWT. (T-1). AWSC is required for each assignment supporting the Army when there has been a break of more than 6 years since the member either last attended the course, or, was last assigned to a unit providing weather support to the Army. (T-2).	
Evasion and Conduct after Capture (ECAC), S-V88-AL. Required for all military weather personnel in direct support of the Army, excluding enlisted SOWT. (T-1). ECAC is a one-time career requirement.	
Field Craft-Hostile and other Expeditionary Readiness Training. Applies to specified expeditionary positions as determined by gaining AF service component within Deployment Requirements Manning Document (DRMD) line remarks.	
NATO METOC Orientation Course (NATO School Oberammergau M3-05) and/or NATO Operations Meteorological and Oceanographic (METOC) Pre-deployment Seminar. Applies to specified expeditionary positions as determined by gaining AF service component within DRMD line remark or within joint individual augmentation requirements.	

3.2. Special Duty Assignment Pay (SDAP) for Weather Support to the Army. For enlisted weather personnel in direct support of the Army, excluding SOWT, SDAP starts when the member is deemed eligible and certified by their unit commander according to AFI 36-3017, *Special Duty Assignment Pay (SDAP) Program*, and associated AF-level guidance. The special schooling requirement in AFI 36-3017 is satisfied by the Army Weather Support Course or equivalent OJT. **(T-2)**.

3.3. Overseas Remote Permanent Change of Station (PCS). Personnel PCSing to Soto Cano, Korea or other remote locations for Army support assignments will attend AWSC and ECAC if required in accordance with [Table 3.1](#) prior to PCS. **(T-1)**. Training is funded by the gaining unit or MAJCOM.

3.4. Deployments.

3.4.1. Officer and enlisted weather CFETPs identify mandatory UTC-aligned tasks. Certification may be accomplished in conjunction with another organization if there is no organic capability to certify tasks (e.g., Army weather support tasks for augmentees, or weather system/equipment-related tasks). Personnel tasked with a deployment will complete MR/CMR training and satisfy all training DRMD line remarks prior to deployment. **(T-1)**. Upon return to duty at home station, individuals will resume normal training. **(T-3)**.

3.4.2. Task certifiers will immediately notify the supervisor, deployment manager and unit commander of a UTC-aligned checkride failure. In the event that weather personnel are not MR/CMR prior to deployment, the individual's unit commander will advise the Installation

Deployment Readiness Center (IDRC) of the individual's status and proceed with appropriate actions outlined in AFI 10-403. (T-1).

3.4.3. Lead officers assigned to, or directly supporting, units certified to form the core of a Joint Force Command (e.g., specified Numbered Air Forces, Army Service Component Commands, Army Corps, Army Divisions) will attend the Joint METOC Officer (JMO) Course as soon as practical. (T-2). This is a one-time career requirement. In absence of JMO course completion, a weather officer must be certified with subject knowledge of CJCSI 3810.01, *Meteorological and Oceanographic Operations*, Joint Publication (JP) 3-59, *Meteorological and Oceanographic Operations*, and AF Doctrine (AFD) Annex 3-59, *Weather Operations*, to deploy as a JMO. (T-1).

3.4.4. Officers and Senior NCOs deploying as part of a NATO operation or standing mission will attend the NATO Operational METOC Pre-deployment Seminar and/or the NATO METOC Orientation Course as specified in DRMD line remarks. (T-1). This is a one-time career requirement.

3.5. Expeditionary Weather Equipment. Personnel deploying to sustain expeditionary locations, who do not have specific weather equipment resources available at home-station, may require pre-deployment training through another unit.. In many cases, 2d Combat Weather Systems Squadron (2 CWSS) can assist in providing or arranging training, primarily for expeditionary weather radar and weather observing systems. Training at 2 CWSS will only be used for units without home-station systems, to include inoperable or equipment in a deployed status. (T-2). The supported AF component will identify unique pre-deployment equipment training requirements for expeditionary sustainment operations within DRMD line remarks.

3.5.1. Organizations will contact their MAJCOM Weather Functional Manager and Functional Area Manager to request weather training away from home station if not part of the supported unit's training. (T-1).

3.5.2. In some cases, the individual selected for deployment may have recently received the training required to satisfy the line remark(s) (e.g., within the last 12 months). In this case, the individual's IDRC may send a DMRD waiver request according to AFI 10-401, *Air Force Operations Planning and Execution*. (T-1).

3.5.3. Units that cannot meet the training line remarks will contact the IDRC to initiate a training waiver request according to AFI 10-401. (T-1)

Chapter 4

RECURRING TRAINING

4.1. Recurring Training. Accomplishing recurring training ensures weather personnel assigned to Air Operations Centers and squadrons, consistent with the grades identified in [paragraph 1.4.1](#) and [1.4.2](#), receive sufficient repetition and reinforcement on perishable skills to maintain position qualification and sustain MR/CMR status. Recurring training is also a key component of individual technical development. Completion of recurring training will be documented in AFTR. **(T-1)**. Weather personnel assigned to Numbered Weather Flights, Weather Squadrons at Army locations, Operational Support Squadrons and Air Operations Centers will leverage training materials from the Weather Operations section of the ADLS Gateway and reference materials from their supporting OWS, when possible. Recurring training will cover, at a minimum:

4.1.1. Aerodrome Forecasts. Personnel at units that generate terminal aerodrome forecasts (TAFs) and units at locations for which OWSs generate TAFs will practice this process quarterly. **(T-1)**. Participation in a Continuity of Operations Plan exercise counts towards this requirement.

4.1.2. Warning and Advisory Process. Personnel at units that generate weather warnings and advisories and units at locations for which OWSs generate weather warnings and advisories will practice this process quarterly. **(T-1)**. Participation in a Continuity of Operations Plan exercise counts towards this requirement if a warning or advisory product was issued.

4.1.3. Meteorological Techniques and Procedures. Quarterly meteorological training will encompass appropriate STS subject knowledge and task knowledge and performance items and will include a focus on seasonal forecasting challenges. **(T-1)**.

4.1.4. Manual Weather Observing. Personnel at units responsible for producing weather observations will practice this process quarterly. **(T-1)**. All others units will accomplish this annually. **(T-1)**. Training will include, at a minimum, observing using assigned/available tactical sensors in addition to observing techniques for manual cloud height, amount and ceiling determination, manual determination of prevailing, variable prevailing and sector visibility using both day and night markers, observing local phenomena (e.g., sea fog, blowing dust), severe weather, descriptive remarks use including identification of significant cloudy types, encoding, and dissemination of the observation. **(T-1)**. For manual observing methods and procedures refer to AFMAN 15-111, *Surface Weather Observations*.

4.1.5. Supported Missions. Quarterly review of supported missions (e.g., mission profiles, tactics, planning/execution cycle, sensitivities of weapon systems/platforms, mitigation/exploitation of meteorological conditions). **(T-1)**.

4.1.6. Weather Analysis and Prediction with Limited Data. Units with Airmen postured against expeditionary weather UTCs will include quarterly training on weather analysis and prediction under conditions with limited data. Units will use the material on the Weather Operations section of the ADLS Gateway for this training, focusing on seasonal and area-specific techniques. **(T-2)**.

4.1.7. Space Weather. Personnel assigned to squadrons and Air Operations Centers will complete training on space weather impacts to DoD operations on a semi-annual basis. **(T-1)**.

4.1.8. Support Assistance Request Process. Primary and alternate weather personnel in each unit will be trained semi-annually on requesting products from their supporting OWS or climate products from the 14th Weather Squadron. **(T-3)**.

4.1.9. System/Equipment Training. Military weather personnel will set-up and operate assigned expeditionary weather systems/equipment including Army Modified Table of Organization and Equipment items designated for the associated weather support personnel annually. **(T-2)**.

4.1.10. Weather Support to the Army. Military weather personnel supporting Army operations or tasked to fill Army support UTCs will include annual training on tasks associated with the Warrior Skills (Level 1) in the Soldier's Manual of Common Tasks (SMCT) consistent with their Army counterparts. Training conducted during Army exercises accomplishes this requirement. **(T-2)**.

JOHN W. RAYMOND, Lt Gen, USAF
Deputy Chief of Staff, Operations

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

AFPD 15-1, *Weather Operations*, 12 November 2015

(Add) **AFI 11-410**, *Personnel Parachute Operations*, 4 August 2008

(Add) **AFI 36-2654**, *Combat Arms Program*, 13 January 2016

AFPD 36-26, *Total Force Development*, 27 September 2011

AFI 10-251, *Air Force Participation in Joint Training Transformation Initiative (JTTI) and Joint National Training Capability (JNTC) Events*, 25 Jun 2015

AFI 10-401, *Air Force Operations Planning and Execution*, 7 December 2006

AFI 10-403, *Deployment Planning and Execution*, 20 September 2012

AFI 15-135, Volume 1, *Special Operations Weather Training*, 13 July 2010

AR 115-10/AFI 15-157 (IP), *Weather Support and Services for the U.S. Army*, 10 September 2015

AFI 31-117, *Arming and Use of Force by Air Force Personnel*, 17 Mar 2015

AFI 33-360, *Publications and Forms Management*, 01 December 2015

AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted)*, 25 June 2013

AFI 36-2201, *Air Force Training Program*, 15 September 2010

AFI 36-2640, *Executing Total Force Development*, 16 December 2008

AFI 36-3017, *Special Duty Assignment Pay (SDAP) Program*, 10 June 1994

AFMAN 15-111 IC-01, *Surface Weather Observations*, 13 January 2015

AFMAN 33-363, *Management of Records*, 1 March 2008

AFMAN 36-2234, *Instructional System Development*, 1 November 1993

AFD Annex 3-59, *Weather Operations*, 27 May 2015

AFH 36-2235, Volume 11, *Information for Designers of Instructional Systems Application to Unit Training*, 1 November 2002

CJCSI 1210.01F, *Joint Orientation Training for U.S. Personnel Assigned to NATO Organizations*, 31 March 2015

CJCSI 3810.01D, *Meteorological and Oceanographic Operations*, 28 June 2013

CJCSI 3810.01E, *Meteorological and Oceanographic Operations*, 16 May 2016

JP 3-59, *Meteorological and Oceanographic Operations*, 07 December 2012

Soldier's Training Publication 21-1-SMCT, *Warrior Skills, Level 1*, 10 August 2015

Soldier's Training Publication 21-1-SMCT, *Warrior Skills, Level 1*, 14 Apr 2014

Adopted Forms

AF Form 623, *Individual Training Record*, 1 October 1996

AF Form 623A, *On-The-Job Training Record-Continuation Sheet*, 1 March 1979

AF Form 797, *Job Qualification Standard Continuation/Command JQS*, 1 August 2002

AF Form 803, *Report of Task Evaluations*, 01 June 1984

AF Form 847, *Recommendation For Change of Publication*, 22 September 2009

AF Form 1098, *Special Task Certification and Recurring Training*, 1 April 1985

Abbreviations and Acronyms

AEF—Air and Space Expeditionary Force

(Add) ADLS—Advanced Distributed Learning Service (ADLS)

AF—Air Force

AFD—Air Force Doctrine

AFH—Air Force Handbook

AFI—Air Force Instruction

AFMAN—Air Force Manual

AFPD—Air Force Policy Directive

AFRC—Air Force Reserve Command

AFSC—Air Force Specialty Code

AFTR—Air Force Training Record

ANG—Air National Guard

AR—Army Regulation

(Add) AWMC—Advanced Weather Managers Course

CFETP—Career Field Education and Training Plan

CFM—Career Field Manager

CJCSI—Chairman of the Joint Chiefs of Staff Instruction

CMR—Combat Mission Ready

CWSS—Combat Weather Systems Squadron

DRMD—Deployment Requirements Manning Document

IDRC—Installation Deployment Readiness Center

(Add) ISC—Initial Skills Course

JQS—Job Qualification Standard

JP—Joint Publication

JTTI—Joint Training Transformation Initiative
JMO—Joint Meteorological and Oceanographic (METOC) Officer
JNTC—Joint National Training Capability
MAJCOM—Major Command
METOC—Meteorological and Oceanographic
MTP—Master Training Plan
MR—Mission Ready
NATO—North Atlantic Treaty Organization
OPR—Office of Primary Responsibility
OWS—Operational Weather Squadron
PCS—Permanent Change of Station
QT – Qualification Training—SDAP – Special Duty Assignment Pay
SOWT—Special Operations Weather Team
SME—Subject Matter Expert
SMCT—Soldier’s Manual of Common Tasks
STS—Specialty Training Standard
TAF—Terminal Aerodrome Forecast
(Add) UGT—Upgrade Training
USAF—United States Air Force
USC—United States Code
UTC—Unit Type Code
UTM—Unit Training Manager

Terms

Expeditionary Readiness Training—Training directly related to an Airman’s ability to survive and operate in a contingency environment (AFI 36-2201).

Mission Ready—In the context of individual readiness, the status awarded by the unit commander upon certification that the individual has satisfied all applicable position qualification and wartime readiness training requirements and is a deployment-ready Airman (derived from AFI 36-2201). Combat Mission Ready is typically used to designate readiness for personnel assigned to designated combat units.

Position Qualification Training—Training designed to qualify an Airman in a specific position that occurs after upgrade training. (AFI 36-2201).